

ABSTRACT

A mobile router device connects a mobile network containing several terminal devices and moving in a backbone network with the backbone network. The mobile router device decides whether to operate as a master router which is a router for actually connecting the mobile network with the backbone network. The mobile router device records a virtual address and produces a care of address which is an address that the mobile router can use at the moving destination. The mobile router device generates and transmits a binding update message for correlating the virtual address to the care of address when the mobile router device operates as the master router.